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- (54) Title: TREATING MUSCLE WASTING WITH SELECTIVE ANDROGEN RECEPTOR MODULATORS
- (57) Abstract: This invention provides: a method of treating a subject suffering from a muscle wasting disorder; a method of preventing a muscle wasting disorder in a subject; a method of treating, preventing, suppressing, inhibiting or reducing muscle loss in a subject suffering from a muscle wasting disorder; a method of treating, preventing, inhibiting, reducing or suppressing muscle wasting in a subject suffering from a muscle wasting disorder; and/or a method of treating, preventing, inhibiting, reducing or suppressing muscle protein catabolism in a subject suffering from a muscle wasting disorder, by administering to the subject a selective androgen receptor modulator (SARM) and/or its analog, derivative isomer, metabolite, pharmaceutically acceptable salt, pharmaceutical product, hydrate, N-oxide or any combination thereof, as described herein.
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KB, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/36147

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61K 31/32, 31/16, 31/165

US CL : 514/493, 616, 619

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/493, 616, 619

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,E	US 6,569,896 B2 (DALTON et al.) 27 May 2003(25.05.2003), see entire document.	1-125

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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Date of the actual completion of the international search

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**INTERNATIONAL SEARCH REPORT**

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**Continuation of B. FIELDS SEARCHED Item 3:**

**STN**

search terms: muscle?, androgen receptor modulator?